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AMENDMENTS TO THE CLAIMS

All claims are listed in this section for purposes of clarity, with claims that have been amended identified as such. Please cancel claims 1-5, 17, and 18 without prejudice or disclaimer. Please add new claims 26-44 as indicated below.

Claims 1-5 (Cancelled)

Claims 6-16 (Withdrawn)

Claims 17-18 (Cancelled)

Claims 19-25 (Withdrawn)

26. (New) A scan engine for use in a data collection device, comprising:
a housing having an opening for receiving light from a scanned dataform;
an image sensor having an aperture, the image sensor being located within the housing and operative to sense light entering the aperture; and
a prism mounted onto the aperture of the image sensor to receive light from the opening along a first path and to provide at least a portion of the received light to the aperture along a second path.

27. (New) The scan engine of claim 26, wherein the second path is at an angle with respect to the first path.

28. (New) The scan engine of claim 26, wherein the second path is perpendicular to the first path.

29. (New) The scan engine of claim 26, wherein the prism comprises a first planar face generally perpendicular to the first path and a second planar face generally perpendicular to the second path, and wherein the second face is mounted on the aperture of the image sensor.

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30. (New) The scan engine of claim 26, wherein the first face of the prism is located proximate the opening in the housing.

31. (New) The scan engine of claim 26, further comprising a lens mounted within the housing along the first path.

32. (New) The scan engine of claim 26, further comprising a lens mounted on the housing along the first path.

33. (New) The scan engine of claim 32, wherein the lens is detachable from the housing.

34. (New) The scan engine of claim 26, further comprising a ¹⁰³printed circuit board mounted in the housing.

35. (New) The scan engine of claim 34, wherein the image sensor is mounted on the printed circuit board.

36. (New) The scan engine of claim 26, further comprising a window coupled to the opening of the housing, such that the window provides a seal between an interior and an exterior of the housing.

37. (New) The scan engine of claim 26 being employed in a bar code reader.

38. (New) A method for producing a data collection device scan engine, comprising:
providing a housing with an opening for receiving light from a scanned dataform;
mounting an image sensor within the housing, the image sensor having an aperture and being operative to sense light entering the aperture; and
mounting a prism onto the aperture of the image sensor for receiving light from the opening along a first path and providing at least a portion of the received light to the aperture

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along a second path.

39. (New) The method of claim 38, wherein the prism comprises a first planar face generally perpendicular to the first path and a second planar face generally perpendicular to the second path, the second planar face being mounted on the aperture.

40. (New) The method of claim 41, wherein mounting the second face on the aperture includes adhering at least a portion of the second face of the prism to the aperture using a transparent low loss adhesive.

41. (New) The method of claim 38, further comprising mounting a printed circuit board to the housing of the scan engine.

42. (New) The method of claim 38, wherein mounting the image sensor within the housing includes mounting the image sensor to a printed circuit board located in the housing.

43. (New) A data collection device scan engine image sensor assembly, comprising:
an image sensor having an aperture and being operative to sense light entering the aperture; and

a prism mounted on the aperture of the image sensor and adapted to receive light along a first path and to provide at least a portion of the received light to the aperture along a second path.

44. (New) The assembly of claim 43, wherein the prism comprises a first planar face adapted to receive light along the first path, and a second planar face adhered to the aperture of the image sensor using a low loss transparent adhesive.